

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
Budget Bureau No 1004-0135
Expires: March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

MAY 31 2011

Lease Designation and Serial No.
NMSF-078766

Farmington Field Office
Bureau of Land Management

If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well Gas Well ☒ Other

7 If Unit or CA, Agreement Designation
Rosa Unit

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

8 Well Name and No.
Rosa Unit 145D

3. Address and Telephone No
PO Box 640 Aztec, NM 87410-0640 634-4208

9 API Well No
30-045-35002

4. Location of Well (Footage, Sec., T, R, M, or Survey Description)
SURF: 610' FNL & 610' FEL
BHL: 1768' FNL & 392' FEL SEC 16 31N 6W

10 Field and Pool, or Exploratory Area
BLANCO MV/BASIN DK/BASIN MC

11. County or Parish, State
San Juan, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

☒ Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

☒ Other Reallocation

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

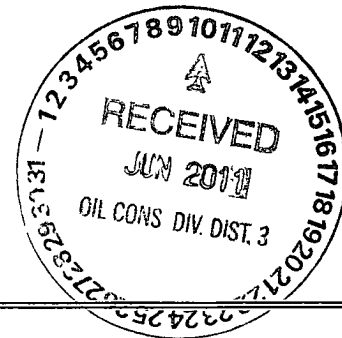
Dispose Water

(Note Report results of multiple completion
on Well Completion or Recompletion Report
and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

Williams E&P has run Protechnic's Completion profiler tool for allocation purposes on the Rosa Unit #145D. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	63%	311 Mcf/d
Mancos	22%	111 Mcf/d
Dakota	15%	73 Mcf/d
Total	100%	495 Mcf/d



14. I hereby certify that the foregoing is true and correct

Signed

Larry Higgins

Title Drilling SUPR Date 5/31/11

(This space for Federal or State office use)

Approved by

Joe Hewitt

Title

Geo

Date

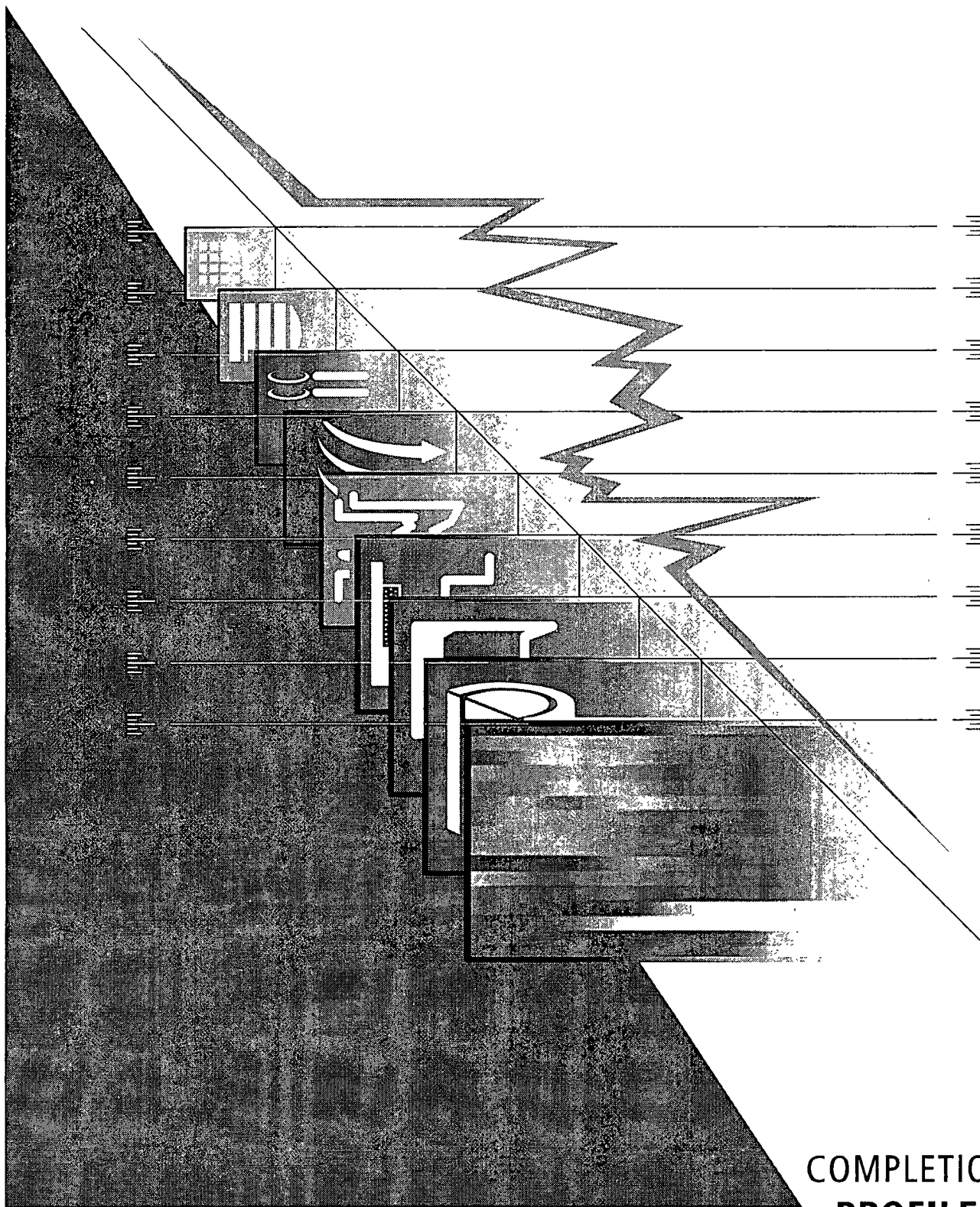
6-1-11

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

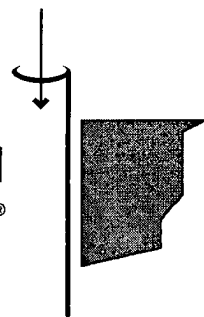
NMOCD

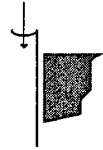
*Williams Production Company
Rosa Unit #145D*



MEASURED SOLUTIONS

COMPLETION
PROFILER®





<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit #145D</i>
<i>Field</i>	<i>Blanco Mesaverde/Basin Dakota</i>
<i>Location</i>	<i>San Juan County, New Mexico</i>
<i>Customer Name</i>	<i>Michael Andrews</i>
<i>Date of Survey</i>	<i>May 18, 2011</i>
<i>Date of Analysis</i>	<i>May 23, 2011</i>
<i>Logging Engineer</i>	<i>Loren Healy</i>
<i>Analyst</i>	<i>Mark Warren</i>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful misconduct on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

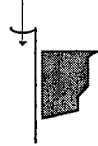
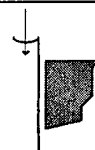


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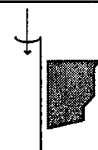
Survey Objectives

- Identify the source of water production.
- Identify gas producing intervals.
- Quantitative production profile.

Logging Procedures

Date	Time	Comment
5-18	6:15	Arrive on location
5-18	5:30	Gauge Run Start
5-18	6:15	Gauge Run Stop
5-18	6:41	Program Completion Profile String
5-18	6:48	Start GIH pass
5-18	7:13	Stop GIH pass
5-18	7:19	Start logging passes
5-18	9:59	Stop logging passes
5-18	10:06	Start out of well pass
5-18	10:26	Stop out of well pass
5-18	10:32	Start download
5-18	10:50	Stop download
5-18	11:00	Rig Down

Interval Logged: [From 5,460 to 8,192 ft.]
60 ft/min
90 ft/min



Well Information

Casing: 4.50" 11.6 lb/ft surface to 8,261 ft PBD: 8,257 ft

Tubing: 2.38" 4.7 lb/ft surface to 5,378 ft

Perforations: 5,590; 5,592; 5,594; 5,596; 5,598; 5,600; 5,602; 5,604; 5,606; 5,652;
5,654; 5,656; 5,658; 5,660; 5,662; 5,664; 5,666; 5,668; 5,670; 5,672;
5,674; 5,676; 5,678; 5,680; 5,682; 5,684; 5,686; 5,688; 5,690; 5,692;
5,694; 5,696; 5,698; 5,700; 5,702; 5,704; 5,706; 5,708; 5,710; 5,746;
5,748; 5,756; 5,758; 5,760; 5,762; 5,774; 5,776; 5,790; 5,792; 5,794;
5,796; 5,798; 5,818; 5,820; 5,822 ft (Cliffhouse/Menefee)

5,854; 5,858; 5,862; 5,866; 5,870; 5,882; 5,886; 5,890; 5,894; 5,897;
5,900; 5,904; 5,912; 5,916; 5,920; 5,924; 5,928; 5,932; 5,936; 5,940;
5,944; 5,948; 5,952; 5,956; 5,960; 5,968; 5,970; 5,972; 5,975; 5,978;
5,980; 5,987; 5,989; 6,013; 6,015; 6,031; 6,033; 6,047; 6,049; 6,096;
6,098; 6,100; 6,102; 6,125; 6,127; 6,170; 6,172; 6,174 ft
(Point Lookout)

6,990; 7,000; 7,010; 7,020; 7,030; 7,040; 7,050; 7,060; 7,070; 7,080;
7,090; 7,100; 7,110; 7,120; 7,130; 7,140; 7,150; 7,160; 7,170; 7,180;
7,190; 7,200; 7,210; 7,220; 7,230 ft (Upper Mancos)

7,334; 7,340; 7,347; 7,354; 7,362; 7,370; 7,376; 7,384; 7,390; 7,397;
7,403; 7,412; 7,420; 7,430; 7,436; 7,444; 7,453; 7,458; 7,464; 7,470;
7,477; 7,486 ft (Lower Mancos)

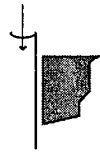
8,098; 8,101; 8,104; 8,107; 8,110; 8,139; 8,142; 8,145; 8,148; 8,151;
8,154; 8,157; 8,160; 8,163; 8,166; 8,169; 8,180; 8,183; 8,186; 8,209;
8,212; 8,232; 8,235 ft (Dakota)

Flowing tubing pressure at the time of logging: 60 psi

Daily average surface production reported at the time of logging:

gas: 550 Mscf/d

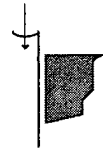
water: <1 bpd



Tool String

The 1 11/16" Completion Profiler string comprised the following sensors:

Battery housing; RS-232/CCL; Memory/CPU; Gamma Ray; Pressure/Temperature Combo; Gamma Ray; Centralizer; Induction Collar Locator; Fluid Density; Centralizer; Spinner Flowmeter.



Results

The following table summarizes the production from each frac interval.

GAS / WATER PRODUCTION PROFILE						
Flow Rates Reported at STP						
Zone Intervals	Q-Gas	Qp-Gas	Percent of	Q-Water	Qp-Water	Percent of
feet	MCFD	MCFD	Total	BFPD	BFPD	Total
Surface to 5590	495 Mcf/d		100 %	0 bpd		
Cliffhouse/Menefee			39 %			0 %
5590 to 5890	495 Mcf/d	195 Mcf/d		0 bpd	0 bpd	
Point Lookout			24 %			0 %
5894 to 6174	301 Mcf/d	116 Mcf/d		0 bpd	0 bpd	
Upper Mancos			16 %			0 %
6990 to 7230	184 Mcf/d	81 Mcf/d		0 bpd	0 bpd	
Lower Mancos			6 %			0 %
7334 to 7486	103 Mcf/d	30 Mcf/d		0 bpd	0 bpd	
Dakota			15 %			0 %
8098 to 8186	73 Mcf/d	73 Mcf/d		0 bpd	0 bpd	
Log Interval, No Flow Inside Pipe			0 %			0 %
8186 to 8192	0 Mcf/d		0 %	0 bpd		